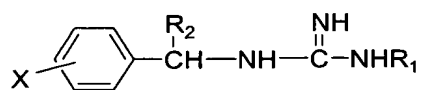


METHODS OF AND COMPOSITIONS FOR PLANT DEFOLIATION

ABSTRACT OF THE DISCLOSURE

A method of defoliating plants includes applying to plants an effective amount of a first active ingredient selected from the group consisting of substituted nitroguanidine and cyanoguanidine compounds of the formula:



wherein R<sub>1</sub> is NO<sub>2</sub> or CN; R<sub>2</sub> is CH<sub>3</sub>, C<sub>2</sub> H<sub>5</sub>, CF<sub>3</sub>, n-C<sub>3</sub> H<sub>7</sub>, CH<sub>2</sub> OCH<sub>3</sub> or CH<sub>2</sub>CH=CH<sub>2</sub>; X is hydrogen, o-F, m-F, p-F, m-OCH<sub>3</sub>, m-OH or p-Cl; and the salts, tautomers and optical isomers thereof; an effective amount of a second active ingredient and, optionally, an adjuvant.

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